

ATTORNEY DOCKET NO.: MIT-160

INFORMATION DISCLOSURE STATEMENT

APPLICANT(S): Ariel et al.

NUMBER	:						` '				
CLASS   SUB   FILING DATE   NAME   CLASS   SUB   FILING DATE   NAME   CLASS   SUB   APPROPRIATE						SERIAL N	O.: 10/823	,083			
DOCUMENT   NUMBER   NAME   CLASS   SUB   FILING DATE   APPROPRIATE				FILING DATE: April 13, 2004 GROUP: 1745							
NUMBER				U.S	. PATENT	DOCUM	ENTS				
FOREIGN PATENT DOCUMENTS  EXAM. DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS DATE ONLY CODE CLASS DATE ONLY CYN)   RH  B1 01/73864 10/04/2001 WO N Y   RH  B2 97/19481 05/29/1997 WO N Y   RH  B3 01/80338 10/25/2001 WO N Y   CHE DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)   INIT.   OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)    C1   Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).    C2   Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc., 18 (1998), pp 1405-1411.    C3   Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.    C4   Balkanski, "Solid-state microbatteries for electronics in the 21 <sup>st</sup> century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.    C5   Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).    C6   Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Incinces, 54 (1995), pp 58-62.    C7   Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	EXAM. INIT.			DATE	NAME			CLASS		1	
FOREIGN PATENT DOCUMENTS  EXAM.   DOCUMENT   DATE   COUNTRY   CLASS   SUB   CLASS   DATE   ONLY   LANG   (Y/N)    //RH/   B1   01/73864   10/04/2001   WO   N   Y    //RH/   B2   97/19481   05/29/1997   WO   N   Y    //RH/   B3   01/80338   10/25/2001   WO   N   Y    //RH/   B3   01/80338   10/25/2001   WO   N   Y    //RH/   C1   Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).  C2   Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3   Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4   Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5   Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6   Bates et al., "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7   Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8   Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	/RH/	A1	5,985,485	11/16/1999	Ovshins	ky et al.					
EXAM. NUMBER DATE COUNTRY CLASS SUB FILING ABSTRACT ENGLISH CODE CLASS SUB DATE ONLY LANG (Y/N)   RH  B1 01/73864 10/04/2001 WO N Y   RH  B2 97/19481 05/29/1997 WO N Y   RH  B3 01/80338 10/25/2001 WO N Y   RH  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).   C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.   C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.   C4 Balkanski, "Solid-state microbatteries for electronics in the 21" century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.   C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).   C6 Bates et al., "Thin-film rechargeable lithium batteries," J. of Power Sources. 54 (1995), pp 58-62.   C7 Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.   C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	/RH/	A2	6,242,132	06/05/2001	Neudeck	er et al.					
EXAM. NUMBER DATE COUNTRY CLASS SUB FILING ABSTRACT ENGLISH CODE CLASS SUB DATE ONLY LANG (Y/N)   RH  B1 01/73864 10/04/2001 WO N Y   RH  B2 97/19481 05/29/1997 WO N Y   RH  B3 01/80338 10/25/2001 WO N Y   RH  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).   C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.   C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.   C4 Balkanski, "Solid-state microbatteries for electronics in the 21" century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.   C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).   C6 Bates et al., "Thin-film rechargeable lithium batteries," J. of Power Sources. 54 (1995), pp 58-62.   C7 Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.   C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.											
EXAM. NUMBER DATE COUNTRY CLASS SUB FILING ABSTRACT ENGLISH CODE CLASS SUB DATE ONLY LANG (Y/N)   RH  B1 01/73864 10/04/2001 WO N Y   RH  B2 97/19481 05/29/1997 WO N Y   RH  B3 01/80338 10/25/2001 WO N Y   RH  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).   C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.   C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.   C4 Balkanski, "Solid-state microbatteries for electronics in the 21" century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.   C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).   C6 Bates et al., "Thin-film rechargeable lithium batteries," J. of Power Sources. 54 (1995), pp 58-62.   C7 Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.   C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.			<u> </u>			-					
INIT. NUMBER CODE CLASS DATE ONLY LANG (Y/N)   RH  B1 01/73864 10/04/2001 WO N Y   RH  B2 97/19481 05/29/1997 WO N Y   RH  B3 01/80338 10/25/2001 WO N Y   OTHER ART, JOURNAL ARTICLES, ETC.   EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)  INIT.  RH  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).   C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.   C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.   C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.   C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).   C6 Bates et al., "Thin-film rechargeable lithium batteries," Solid State Ionics, 135 (2000), pp 33-45.   C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.				FORE	GN PATE	NT DOCU	JMENTS	3			
RH   B2   97/19481   05/29/1997   WO	EXAM. INIT.			DATE	1	CLASS			ONLY LA		LANG
RH   B3    01/80338    10/25/2001    WO	/RH/	B1	01/73864	10/04/2001	wo				N		Y
OTHER ART, JOURNAL ARTICLES, ETC.  EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)  INIT.  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).  C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells. 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al., "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	/RH/	B2	97/19481	05/29/1997	wo				N		Y
OTHER ART, JOURNAL ARTICLES, ETC.  EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)  INIT.  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).  C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	/RH/	В3	01/80338	10/25/2001	WO				N		Y
OTHER ART, JOURNAL ARTICLES, ETC.  EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)  INIT.  C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).  C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.											
INIT.  /RH/ C1 Akridge and Balkanski, Solid State Microbatteries, Plenum press, (1988).  C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.				ОТНЕ	R ART, JOUR	NAL ARTIC	LES, ETC.	<del></del>			
C2 Antolini, "Preparation and Properties of Li-Co-O Compounds," J. of the European Ceramic Soc. 18 (1998), pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," J. of Power Sources, Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	EXAM. INIT.	ОТІ	HER DOCUMEN	NTS: (Includi	ng Author, Ti	tle, Date, Re	levant Pag	es, Place o	f Publicati	ion)	
pp 1405-1411.  C3 Balkanski, et al., "Integrable Lithium Solid-State Microbatteries," <u>J. of Power Sources</u> , Vol. 26 (1989) pp. 615-622.  C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," <u>Solar Energy Materials and Solar Cells</u> , 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," <u>J. of Power Sources</u> , 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," <u>Solid State Ionics</u> , 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," <u>Solid State Technology</u> , (1993) pp 59-64.	/RH/	Cl	Akridge and B	alkanski, <i>Solia</i>	State Microb	atteries, Plen	um press, (	1988).		_	-
C4 Balkanski, "Solid-state microbatteries for electronics in the 21st century," Solar Energy Materials and Solar Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.		C2	1	•	operties of Li	-Co-O Compo	ounds," <u>J. c</u>	of the Euror	ean Ceran	nic So	<u>c.</u> 18 (1998),
Cells, 62 (2000), pp 21-35.  C5 Barin, Thermochemical Data Of Pure Substances, 3rd edition, Weinheim, NY, (1995).  C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.	,	C3		al., "Integrable	Lithium Solid	-State Microl	oatteries," J	, of Power	Sources, V	/ol. 26	(1989) pp.
C6 Bates et al, "Thin-film rechargeable lithium batteries," J. of Power Sources, 54 (1995), pp 58-62.  C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.		C4	1		batteries for e	lectronics in	the 21st cen	tury," <u>Sola</u>	r Energy N	/ateria	ils and Solar
C7 Bates et al, "Thin-film lithium and lithium-ion batteries," Solid State Ionics, 135 (2000), pp 33-45.  C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.		C5	Barin, Thermo	ochemical Data	Of Pure Subs	tances, 3rd e	dition, Wei	nheim, NY	, (1995).		
C8 Bates et al., "Rechargeable Thin-Film Lithium Microbatteries," Solid State Technology, (1993) pp 59-64.		C6	Bates et al, "T	hin-film rechar	geable lithiun	batteries," J	of Power	Sources, 54	(1995), p	p 58-6	52.
/Dahart Hadra/		C7	Bates et al, "T	hin-film lithiur	n and lithium	ion batteries,	" Solid Sta	te Ionics, 1:	35 (2000),	pp 33	-45.
EXAMINER /Robert Hodge/ DATE CONSIDERED 08/02/2007	V	C8	Bates et al., "I	Rechargeable T	hin-Film Lith	um Microbat	teries," <u>So</u> l	id State Te	chnology,	(1993	) pp 59-64.
	EXAMI	NER	/Robe	rt Hodge/	· · · · · · · · · · · · · · · · · · ·	DATE CO	ONSIDER	ED 08	3/02/200	7	

FORM PTO - 1449					ATTORNEY DOCKET NO.: MIT-160						
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Ariel et al.							
1					SERIAL NO	D.: 10/823,	083				
					FILING DA	TE: April	13, 2004	GROU	IP: 17	45	
<del></del>			U.S	S. PATENT	DOCUM	ENTS					
EXAM. INIT.							CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
			FORE	IGN PATE	NT DOCU	JMENTS	5				
EXAM. INIT.	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB CLASS			ACT	ENGLISH LANG (Y/N)	
				·							
			ОТНЕ	R ART, JOUR	NAL ARTIC	LES, ETC.					
EXAM. INIT.	ОТН	ER DOCUMEN	NTS: (Includi	ng Author, T	tle, Date, Re	levant Pag	es, Place o	f Publicat	ion)		
/RH/	C9	Benqlilou-Mo characterization						ilms: prepa	ration	and	
	C10	Bonino <i>et al.</i> , (1995), pp 193		le lithium bat	teries based	on Li <sub>1+x</sub> V <sub>3</sub>	O <sub>8</sub> thin fil	ms," <u>J. of</u>	Powe	er Sources, 56	
	C11	Boukamp et al (4), (1981), pp	., "All-Solid L	ithium Electro	des with Mix	ed-Conduc	tor Matrix,	" J. of Elec	ctroch	em. <u>Soc.</u> , 128,	
	C12.	1	ıl., "Amorphot	ıs silicon as a	possible anod	e material f	or Li-ion b	atteries," J	of Po	ower Sources,	
	C13	Brousse et al.,		id-state lithius	n-ion cells," ]	. of Power	Sources, 6	8 (1997), p	р 412	-415.	
	C14	Calister, Introd	duction to Mat	erials Science	and Enginee	ring, 3rd ed	lition, Wile	y, NY, (19	94).		
	C15	Campbell et al					and propy	lene carbo	nate w	ithout added	
	C16	Chromik et al. Phys., 86 (8),	, "Thermodyn:	amic and kine	ic study of so	lid state rea	actions in t	ne Cu-Si sy	ystem,	" J. of App.	
	C17	Contestabile e	t al., "A labora	tory-scale lith	ium-ion batte	ry recycling	g process,"	J. of Powe	r Sou	rces, 92,	
	C18		"Band-theory			pectroscop	y and the e	lectronic s	tructu	re of LiCoO <sub>2</sub> ,"	
	C19		"Sputtering of			paration of	electrolyte	thin films	," <u>Sol</u> i	d State Ionics,	
	53-56, (1992) pp 655-661.										
<b>—</b>	C20	Ferg et al., "S	pinel Anodes f	or Lithium-Io	Batteries," <u>J</u>	. Electroch	<u>em. Soc.</u> , 1	41, (11), p	p 147	-150.	

FORM PTO - 1449				ATTORNEY DOCKET NO.: MIT-160							
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Ariel et al.							
•					SERIAL NO.: 10/823,083						
ı					FILING DA	TE: April	13, 2004	GROU	JP: 17	45	
<del>- :</del> -			U.S.	PATENT	DOCUM	ENTS	····				
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLASS		NG DATE IF ROPRIATE	
			FOREI	GN PATE	NT DOCU	JMENT:	S				
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE			FILING DATE	ABSTR. ONLY	ACT	ENGLISH LANG (Y/N)	
•							<u> </u>				
;			OTHER	ART, JOUR	NAL ARTIC	LES, ETC.					
EXAM. INIT.	EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) INIT.										
/RI	// C21	Fuller and Sev 21-24	eriens, "Mobili	ty of Impurity	lons in Gern	nanium and	d Silicon," ]	Phys. Rev.	96 (1	), (1954), pp.	
	C22	Gao et al., "Al	loy Formation i	in Nanostruct	ired Silicon,"	' Adv. Mat	., 13, (11),	(2001), pp	816-8	19.	
	C23		"Development 1996), pp 173-		n Li <sub>I-x</sub> CoO <sub>2</sub> /	Li <sub>x</sub> C <sub>6</sub> Rocl	king-chair I	Battery," <u>E</u>	lectroc	hem. Soc.	
	C24		., "Strategies fo Substrates Via								
	C25		idge, "Developi ces, 54 (1995),		ormance of a	rechargeal	le thin-film	solid-state	e micre	obattery," <u>J.</u>	
	C26	Julien et al., "	Transport and S Ceramic Trans.	tructure of G						ectronic	
:	C27	Julien et al., "I	Fabrication of L Physics, 68 (20	iCoO₂ thin-fi	lm cathodes f					" Mat.	
	C28	Julien et al., "	Growth of LiMi robatteries," <u>Ma</u>	n <sub>2</sub> O <sub>4</sub> thin film	s by pulsed-la			eir electroc	hemic	al properties	
	C29	Julien et al., "	Combustion syr	nthesis and ch	aracterization			cobalt ox	ides in	lithium	
	C30		nium alloy nega			er Sources,	81-82, (19	99), pp 13-	19.		
	C31		olid-State Lithi atteries, Chapte			Highly Io	n Conducti	ve Glassy	Electro	lyte,"	
V	C32		hium-Silicon E			n. Soc., 12	3 (8), (197	7), pp 1196	-1197	•	
EXAMI	NER	/Rob	ert Hodge/	*· ***	DATE CO	ONSIDER	<b>ED</b> 08	/02/2007	•		

FORM PTO - 1449					ATTORNEY DOCKET NO.: MIT-160						
INFORMATION DISCLOSURE STATEMENT					APPLICANT(S): Ariel et al.						
·					SERIAL NO	O.: 10/823	,083				
•					FILING DA	TE: April	13, 2004	GROL	JP: 17	45	
			U.S	B. PATENT	,						
EXAM.		DOCUMENT	DATE	NAME			CLASS	SUB	FILI	NG DATE IF	
INIT.		NUMBER						CLASS	APP	ROPRIATE	
					_						
-											
			FORE	IGN PATE	NT DOCU	JMENT:	5	<u>-</u>			
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	FILING DATE	ABSTR. ONLY	ACT	ENGLISH LANG (Y/N)	
				R ART, JOUR							
EXAM. INIT.	ОТН	IER DOCUMEN	NTS: (Includi	ng Author, Ti	tle, Date, Re	levant Pag	es, Place o	f Publicati	ion)		
/RH/	C33	Lee et al., "Str Si <sub>(1-x)</sub> Ge <sub>x</sub> /Si vi	ained Ge chan rtual substrates	nel p-type met s," App. Phys.	al-oxide-sem <u>Lett.</u> , Vol. 79	iconductor ), No. 20, (	field-effect 2001), pp 3	transistor: 344-3346.	grow	n on	
	C34	Lee et al., "Al Solid State Le	l-Solid-State R	ocking Chair I	Lithium Batte	ry on a Fle	xible A1 S	ubstrate," <u>I</u>	Electro	chem. and	
	C35	Li et al., "Dire Lithium Recha	ct Imaging of	he Passivating	Film and M						
•	C36	Li et al. A Hig	h Capacity Na	no-Si Compos	ite Anode Ma	aterial for L					
	C37	Electrochem. a	crystal structu	ral evolution o	f nano-Si and	de caused	by lithium	insertion a	nd ext	raction at	
-+	C38	room temperat McGraw et al.	, "Next genera	tion V <sub>2</sub> O <sub>5</sub> cath			nargeable b	atteries," S	olid S	tate Ionics,	
	C39	113-115, (199 Nesper, et al.,	8), pp 407-413 "Li <sub>21</sub> Sis, a Zin	tl Phase as We	ll as a Hume	-Rothery P	hase," J. of	Solid State	e Chen	nistry, 70,	
-	C40	(1987) pp 48-5	57								
		AgLi and AuL	i," <u>Dissociatio</u>	n Energies, (19	974) pp 2219	-2223.					
	C41	Neudecker et d ion batteries fo	or microelectro	nics," <u>J. of Po</u>	wer Sources,	81-81 (199	9), pp 27-3	32.			
	C42	Ng et al., "Si-t batteries," <u>J. o</u>				nixtures as	negative el	ectrodes fo	r lithiu	ım-ion	
	C43	Park et al., "A Electrochem. a	II-Solid-State I	Lithium Thin-I	ilm Recharg		ry with Lit	hium Mang	ganese	Oxide,"	
W	C44	Pell, "Diffusio					Rev., 119	(3), (1960)	, pp. l	014-1021.	
EXAMI	NER	/Rober	t Hodge/		DATE CO	ONSIDER	ED C	8/02/200	07		
SACKIVII		77 (000)			DATEC	JAGIDER.		0,02,20	<i>,</i> ,		

FORM PTO - 1449					ATTORNEY DOCKET NO.: MIT-160						
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Ariel et al.							
					SERIAL NO	O.: 10/823	,083				
					FILING DA	ATE: April	13, 2004	GROU	)P: 17	45	
			U.S	S. PATENT	DOCUM	ENTS					
EXAM.		DOCUMENT	DATE	NAME			CLASS	SUB	1	NG DATE IF	
INIT.		NUMBER						CLASS	APP	ROPRIATE	
			FORE	ION DATE	ATT DOCI	I) (E) EY		<u></u>			
				IGN PATE		· · · · · · · ·		ADOTTO	A 67F	ENGLISH	
EXAM. INIT.	1	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	FILING DATE	ABSTR. ONLY	ACI	ENGLISH LANG (Y/N)	
NAME OF TAXABLE PARTY.											
					-						
			OTHE	R ART, JOUR	NAL ARTIC	LES, ETC.					
EXAM. INIT.	ОТН	ER DOCUMEN	VTS: (Includi	ng Author, Ti	tle, Date, Re	levant Pag	es, Place o	f Publicati	ion)		
/RH/	C45	Pell, "Diffusio									
	C46	Robertson et a						trolyte filt	ns," <u>N</u>	uclear	
	C47	Scrosati, "Rec									
	C48	Scefurth et al., Soc., 124 (8),			tilization from	n A Lithiur	n-Silicon E	lectrode,"	J. of E	lectrochem.	
	C49	Severiens and 1322-1323.			Ions in Gerr	nanium and	l Silicon," ]	Phys. Rev.	, 92 (5	), (1953), pp.	
	C50	Sharma <i>et al.</i> , (12), (1976), p	•	nic Properties	of the Lithiu	m-Silicon S	ystem," <u>J.</u>	of Electroc	hem. S	Soc., 123,	
	C51	Subbarao et al (1990), pp 579	., "Advances i	n Ambient Ten	nperature Sec	condary Lit	hium Cells,	" J. of Pov	ver So	urces, 29	
	C52	Sze, "Diffusion 157.	n in SiO2," VL	SI Technology	, 2 <sup>nd</sup> edition,	McGraw-H	lill, NY, (1	998) pp 20	4-209	, and 154-	
7	C53	Taraschi et al., Technol., B20				a wafer bor	nding and e	tch back,"	J. Vac	. Sci	
	C54	Thackeray et a				nels," <u>Mat.</u>	Res. Bull.	18, (1983	), pp 4	61-472.	
	C55	Van der Ven e (2000), pp 21-	•	ansformations	and volume	changes in	spinel Li <sub>x</sub> M	In₂O₄," <u>So</u>	lid Sta	te Ionics, 135,	
,],	C56	Vaughey et al. (2000), pp 280	, "Intermetalli	c Insertion Ele	ctrodes for L	ithium Batt	eries," Elec	trochem.	Soc. Pi	roc., 99-24,	
<b>V</b>	C57	Wang et al., "Cathodes," J.	Characterizatio					ith Lithiur	n Cob	alt Oxide	
		,, , , , , , , , , , , , , , , ,			// \ 3 G/ PP		-				

FORM PTO - 1449					ATTORNEY DOCKET NO.: MIT-160						
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Ariel et al.							
	·				SERIAL NO	D.: 10/823	,083				
					FILING DA	TE: April	13, 2004	GROU	P: 17	45	
			U.S	. PATENT	DOCUM	ENTS	<del>-</del>	···			
EXAM.	.,	DOCUMENT	DATE	NAME			CLASS	SUB		NG DATE IF	
INIT.		NUMBER	<del></del>					CLASS	APP	ROPRIATE	
:											
			FOREI	GN PATE	NT DOCU	IMENT:	S			,	
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	FILING	ABSTR.	ACT	ENGLISH LANG	
		NOMIDEM.				9				(Y/N)	
			OTHER	R ART, JOURI	NAL ARTICI	LES, ETC.					
EXAM. INIT.	ОТІ	HER DOCUMEN				·					
/RH/	C58	Wen et al., "C Chem., 27, (19			diate Phases i	n the Lithi	ium-Silicor	System,"	J. of S	olid State	
	C59		, "Determination	on of the Kine					es and	Application	
	C60		., "A room tem	perature study	of the binary	lithium-si	licon and t	he ternary l			
	C61		et al., "25 Year								
	C62		Aonolithic integ				on Si using	SiGe virtu	al subs	strates," <u>J. of</u>	
	C63	Yao et al., "St					oxide," <u>J. c</u>	of Power So	ources,	, 54 (1995),	
	C64			"Copper Tran	sport in Ther	mal SiO <sub>2</sub> ,"	J. of Elect	rochem. So	c., 140	0 (8), (1993),	
	C65	pp 2427-2432 Yu et al., "A S		m Lithium Ele	ctrolyte: Lith	ium Phosp	horus Oxyr	nitride," <u>J.</u>	Electro	ochem. Soc.,	
		144 (2), (1997	), pp 524-532. Controlled Li de								
	C66	75 (16), (1999	), pp 2447-244	9.							
	C67	International S	Search Report a	und Written Op	inion for PC	I-US2004	/093223, N	1ay 10, 200	o, 10 <sub>1</sub>	pages.	
EXAMIN	ER	/Robert Ho	dge/		DATE CO	ONSIDER	<b>ED</b> 08	/02/2007	7		

VER 9/00